



an Open Access Journal by MDPI

# **Germplasm Resources and Soybean Breeding II**

Guest Editors:

# Prof. Dr. Tuanjie Zhao

College of Agriculture, Nanjing Agricultural University, Nanjing 210095, China

#### Dr. Benjamin Karikari

Department of Crop Science, Faculty of Agriculture, Food and Consumer Sciences, University for Development Studies, P. O. Box TL, Tamale 1882, Ghana

Deadline for manuscript submissions: closed (20 May 2023)

#### **Message from the Guest Editors**

Sovbean include germplasm resources new varieties/breeding lines, genetic stocks, ancient landraces, and wild species of the *Glycine* genus, and their genetic variation is the material basis for trait improvement and variety development. In the past decades, great advances in germplasm research at both population and individual levels have been achieved along with the availability of the soybean genome sequence and other new techniques, and more inputs are necessary to enhance the basic and applied research on soybean genetic resources. This Special Issue of Plants will cover various aspects of soybean germplasm studies: (1) collection, preservation, and utilization of soybean germplasm; (2) evaluation and broadening of genetic diversity; (3) characterization of elite germplasm with ideal target traits; (4) gene identification and allele mining for molecular breeding; and (5) new utilization techniques and their germplasm in enhancement and variety development.



mdpi.com/si/121608







an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

#### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and community.

### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Plant Science)

### **Contact Us**

*Plants* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/plants plants@mdpi.com X@Plants\_MDPl